



B6WBF
3.2
Data Review Report
Bremerton Gasworks
Case#: 37435 SDG#: J8K50
8/14/08

RECEIVED

AUG 15 2008

Environmental
Cleanup Office

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

August 14, 2008

Reply to:
Attn of: OEA-095

MEMORANDUM

Subject: Data Review Report for the Volatile, Semi-Volatile Organic (SVOC / SIM) Analyses of Samples collected from the Bremerton Gasworks Brownfield Site
Case: 37435 SDGs: J8K50

From: Raymond Wu, Chemist
Office of Environmental Assessment *8/14/08*

To: Joanne LaBaw, Site Assessment Manager
Office of Environmental Cleanup

CC: Renee Nordeen, Project Manager
Ecology and Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of 16 water samples collected from the above referenced site has been completed. Samples were analyzed for Volatile, Semi-Volatile (SVOC/SIM) in accordance with the USEPA Contract Laboratory Program (CLP) Statement of Work (SOW) for Organic Analyses (SOM01.2) by KAP Technologies, Inc. in The Woodlands, Texas. The following samples were evaluated in this validation report:

SDG: J8K50

J8K21	J8K22	J8K36	J8K43	J8K50	J8K51	J8K52
J8K53	J8K60	J8K67	J8K85*	J8K86*	J8K87*	J8K88*
J8K89*	J8K90*					

(* Volatile analyses ONLY)

DATA QUALIFICATIONS

The following comments refer to the laboratory performance in meeting the Quality Control specifications outlined in the Sampling and Quality Assurance Plan July 1, 2008, prepared by Ecology and Environment, USEPA CLP SOW for Organic Analysis (SOM01.2, 05/2008), and the applicable criteria set forth in the USEPA Contract Laboratory Program's National Functional Guidelines for Organic Data Review (07/2007). The data reviews conducted on these analyses were based on the QC Forms and Sample Data Summary Forms submitted by the laboratories. Review of the raw data of the analyses was not conducted. The conclusions presented herein are based on the information provided for the review.

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Please note:

- 1) The original Chain of custody forms had some inconsistencies (eg. sampling date and time, missing preservation information) & they were later reconciled by the sampling contractor. Clarifications were received as emails from the sampling contractor.
- 2) Sample results are reported from Full Scan, Full Scan Dilution, SIM, SIM Dilution, or combination of some of the above.

The samples were evaluated based on the following QC elements:

- \$ Holding Time
- \$ Method and Trip Blanks
- \$ Initial and Continuing Calibration
- \$ Surrogate Recoveries
- \$ Lab Control Spike Recovery
- \$ Target Compound and Reporting Limits
- \$ GC/MS Spectra Matching Criteria

Overall Assessment

All of the samples met the technical acceptance criteria for each of the QC elements listed above with the exception of the following:

Three volatile samples (J8K21, J8K53 & J8K67) were analyzed out-of the 14 day holding time whereas one semi-volatile sample (J8K21) was extracted out of the 7 day holding time. As the result, sample results for those were qualified J/UJ.

Three ICALs (one VOC, one SVOC & one SIM) were evaluated in this report. They met the technical acceptance criteria for the percent relative standard deviations (%RSDs) and the minimum relative response factors (RRFs) for all target compounds and surrogates with the exception of the following:

- \$ The %RSD of Naphthalene (38.1%) in the VOC initial calibration exceeded the control limit of 30%. Recalculation of the %RSDs indicated that it was not linear at the low end of the curve and the corresponding samples would be J/UJ qualified for this analyte.
- \$ The %RSD of 4,6-Dinitro-2-Methylphenol (39.2%) and Pentachlorophenol (32.9%) in the SVOC initial calibration exceeded the control limit of 30%. Recalculation of the %RSDs indicated that they were not linear at the high end of the curve and the corresponding samples would be J/None qualified for those analytes.

\$ All of the CCV checks met the criteria for frequency of analysis, the SOW specified, minimum RRFs and %Ds as compared to the initial calibration with the exception of the following:

"VOC"

Date/Time of Analysis/ Inst.	Compound	%D	Qualifier Detect/Non-detect	Associated Samples
05/24/08 09:56 A-5973 (opening ccv)	Methylene Chloride	-38.8	J/UJ	J8K22, J8K43, J8K50, J8K51, J8K60, J8K85, J8K86 -> J8K88
5/30/08 09:48 A-5973 (opening ccv)	Dichlorodifluoromethane	30.0	J/None	J8K21, J8K21DL J8K36, J8K90
	1,1,2-Trichloro-1,2,2-trifluoroethane	27.0	J/None	"
	1,1-Dichloroethane	27.1	J/None	"
	Carbon Tetrachloride	32.0	J/None	"
	Bromodichloromethane	27.1	J/None	"
	Naphthalene	-28.6	J/UJ	"

"SVOC"

Date/Time of Analysis/ Inst.	Compound	%D	Qualifier Detect/Non-detect	Associated Samples
06/06/08 22:46 G-5973 (opening ccv)	1,2-Dichlorobenzene	-27.6	J/UJ	J8K21, J8K22, J8K43, J8K50, J8K51 -> J8K53 J8K60, J8K67

"SIM"

Date/Time of Analysis/ Inst.	Compound	%D	Qualifier Detect/Non-detect	Associated Samples
06/10/08 23:44 G-5973 (opening ccv)	Pentachlorophenol	33.1	J/None	J8K21, J8K43, J8K43DL, J8K52 J8K51DL J8K53, J8K53DL J8K60

VOC DMCs (Water)	Recovery Limits (%)	VOC DMCs (Water)	Recovery Limits (%)
Vinyl Chloride-d3 (VCL)	65-131	1,2-Dichloropropane-d6 (DPA)	79-124
Chloroethane-d5 (CLA)	71-131	Toluene-d8 (TOL)	77-121
1,1-Dichloroethene-d2 (DCE)	55-104	Trans-1,3-Dichloropropene-d4 (TDP)	73-121
2-Butanone-d5 (BUT)	49-155	2-Hexanone-d5 (HEX)	28-135
Chloroform-d (CLF)	78-121	1,4-Dioxane-d8^ (DXE)	50-150
1,2-Dichloroethane-d4 (DCA)	78-129	1,1,2,2-Tetrachloroethane-d2 (TCA)	73-125
Benzene-d6 (BEN)	77-124	1,2-Dichlorobenzene-d4 (DCZ)	80-131

Note: ^ it was not added or calibrated by the contract laboratories

All of the volatile surrogate recoveries met the applicable recovery criteria with exception of the following:

"VOC"

Sample	DMC	% Recovery	Qualification Detects/Non-detects	Associated VOCs
J8K21	VCL	134	J/None	Vinyl Chloride
J8K36	CLA	142	J/Norie	Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, Carbon Disulfide
	CLF	132	J/None	1,1-Dichloroethane, Bromochloromethane, Chloroform, Dibromochloromethane, Bromoform
	DCA	132	J/None	Trichlorofluoromethane, 1,1-Dichloroethene, 1,1,2-1,2,2-trifluoroethane, Methyl acetate, Methylene Chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dibromoethane, 1,2-Dichloroethane
J8K53	CLA	133	J/None	Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, Carbon Disulfide
	CLF	126	J/None	1,1-Dichloroethane, Bromochloromethane, Chloroform, Dibromochloromethane, Bromoform

J8K67	TDP	70	J/UJ	Cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane
J8K89	CLA	138	J/None	Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, Carbon Disulfide
	CLF	132	J/None	1,1-Dichloroethane, Bromochloromethane, Chloroform, Dibromochloromethane, Bromoform
	DCA	133	J/None	Trichlorofluoromethane, 1,1-Dichloroethene, 1,1,2-1,2,2-trifluoroethane, Methyl acetate, Methylene Chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dibromoethane, 1,2-Dichloroethane
J8K90	CLA	141	J/None	Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, Carbon Disulfide
	CLF	140	J/None	1,1-Dichloroethane, Bromochloromethane, Chloroform, Dibromochloromethane, Bromoform
	DCA	146	J/None	Trichlorofluoromethane, 1,1-Dichloroethene, 1,1,2-1,2,2-trifluoroethane, Methyl acetate, Methylene Chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dibromoethane, 1,2-Dichloroethane

"SVOC"

SVOC DMCs (Water)	Recovery Limits (%)	SVOC DMCs (Water)	Recovery Limits (%)
Phenol-d5 (PHL)	39-106	Dimethylphthalate-d6 (DMP)	47-114
Bis-(2-chloroethyl) ether-d8 (BCE)	40-105	Acenaphthylene-d8 (ACY)	41-107
2-chlorophenol-d4 (2CP)	41-106	4-Nitrophenol-d4 (4NP)	33-116
4-Methylphenol-d8 (4MP)	25-111	Fluorene-d10 (FLR)	42-111
Nitrobenzene-d5 (NBZ)	43-108	4,6-Dinitro-2-methylphenol-d2 (NMP)	22-104
2-Nitrophenol-d4 (2NP)	40-108	Anthracene-d10 (ANC)	44-110
2,4-Dichlorophenol-d3 (DCP)	37-105	Pyrene-d10 (PYR)	52-119
4-chloroaniline-d4 (4CA)	1-145	Benzo(a)pyrene-d12 (BAP)	32-121
Fluoranthene-d10 (FLN) #	50-150	2-Methylnaphthalene-d10 (2MN) #	50-150

denotes SVOC-SIM surrogates

All of the semi-volatile surrogate recoveries met the applicable recovery criteria with exception of the following:

Sample	DMC	%Recovery	Qualification Detects/Non-detects	Associated SVOCs
J8K21	NMP	111	J/None	4,6-Dinitro-2-methylphenol
J8K43	NMP	112	J/None	"
J8K52	NMP	115	J/None	"
J8K67	BCE	111	J/None	Bis-(2-Chloroethyl) ether, 2,2'-oxybis(1-Chloropropane), bis(2-Chloroethoxy) methane
	NMP	119	J/None	4,6-Dinitro-2-methylphenol

"SVOC - SIM"

Sample	DMC	%Recovery	Qualification Detects/Non-detects	Associated SVOCs
J8K67	2MN	45	J/UJ	Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Pentachlorophenol, Phenanthrene, Anthracene

Internal Standards

The acceptance criteria for internal standards (IS) are +/- 30 seconds for retention time (RT) shifts and -50% to 100% of the IS area as compared to the IS RT and area of the daily continuing calibration standard. All of the results met the IS area and RT shift criteria with exceptions of the following:

SIM

- J8K67 - Internal Standard #2 & #6 were higher than the QC limits

The corresponding compounds were qualified as J/None. They are as follows:

- For Internal Standard #2 (Naphthalene-d8)
 2-Methylnaphthalene, Naphthalene
- For Internal Standard #6 (Perylene-d12)
 Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

The PAH data were reported for different samples as seen in the tables below:

Compound	J8K21	J8K22	J8K43	J8K50	J8K51	J8K52	J8K53	J8K60	J8K67
Naphthalene	SIM+	SIM	Full S.	SIM	Full S.	SIM+	SIM	SIM	Full D2
2-Methylnaphthalene	SIM+	SIM	SIM	SIM	SIM+	SIM	SIM	SIM	Full D.
Acenaphthylene	SIM	SIM	Full S.	SIM	SIM	SIM	SIM	SIM	Full S.
Acenaphthene	SIM+	SIM	Full S.	SIM	SIM	SIM	SIM	SIM	Full D.
Fluorene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full S.
Pentachlorophenol	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Phenanthrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full S.
Anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.
Fluoranthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	Full D.
Pyrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	Full S.
Benzo(a)anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	SIM+
Chrysene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	SIM+
Benzo(b)fluoranthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	SIM
Benzo(k)fluoranthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	SIM
Benzo(a)pyrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	SIM
Indeno(1,2,3-cd)pyrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Dibenzo(a,h)anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Benzo(g,h,i)perylene	SIM	SIM	SIM	SIM	SIM	SIM	SIM+	SIM	SIM

The rest of the SVOC data was obtained through full scan runs.

(Note: + indicates the results reported from "SIM Dilution Runs";
 Full S. indicates the results reported from "Full Scan Runs";
 Full D. indicates the results reported from "Full Scan Dilutions"
 Full D2 indicates the results reported from "Full Scan Dilution #2").

The data, as qualified, can be used for all purposes.

Data Qualifiers		
	U	The analyte was not detected at or above the reported result.
	J	The analyte was positively identified. The associated numerical result is an estimate.
	UJ	The analyte was not detected at or above the reported estimated result. The associated numerical value is an estimate of the quantitation limit of the analyte in this sample.
	R	The data are unusable for all purposes.
	N	There is evidence the analyte is present in this sample.
	JN	There is evidence that the analyte is present. The associated numerical result is an estimate.

*Report*1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K21

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14424

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dec.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 4.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U <u>J</u>
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
67-64-1	Acetone	13	J
75-15-0	Carbon disulfide	1.0	U <u>J</u>
79-20-9	Methyl acetate	1.0	U
75-09-2	Methylene chloride	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
1634-04-4	Methyl tert-butyl ether	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
78-93-3	2-Butanone	20	U
74-97-5	Bromochloromethane	1.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
71-43-2	Benzene	5.8	
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
108-87-2	Methylcyclohexane	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-10-1	4-Methyl-2-pentanone	20	U
108-88-3	Toluene	1.5	
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U

7/31/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K21

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14424

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dec.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 4.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	1.0	U
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	2.0	
95-47-6	o-Xylene	1.4	
179601-23-1	m,p-Xylene	0.92	J
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	2.0	U
87-68-3	Hexachlorobutadiene	1.0	U
67-72-1	Hexachloroethane	4.0	U
91-20-3	Naphthalene	28	I
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U

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IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K21

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14424

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dec.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 4.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	11.86	9.6	JN
02 000496-11-7	Indane	18.06	6.9	NJ
03 000095-13-6	Indene	18.65	9.6	NJ
04				
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30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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Do NOT REPORT

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K21DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14423

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dec.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	2.5	U
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl chloride	2.5	U
74-83-9	Bromomethane	2.5	U
75-00-3	Chloroethane	2.5	U
75-69-4	Trichlorofluoromethane	2.5	U
75-35-4	1,1-Dichloroethene	2.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	2.5	U
79-20-9	Methyl acetate	2.5	U
75-09-2	Methylene chloride	2.5	U
156-60-5	trans-1,2-Dichloroethene	2.5	U
1634-04-4	Methyl tert-butyl ether	2.5	U
75-34-3	1,1-Dichloroethane	2.5	U
156-59-2	cis-1,2-Dichloroethene	2.5	U
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	2.5	U
67-66-3	Chloroform	2.5	U
71-55-6	1,1,1-Trichloroethane	2.5	U
110-82-7	Cyclohexane	2.5	U
56-23-5	Carbon tetrachloride	2.5	U
71-43-2	Benzene	5.0	D
107-06-2	1,2-Dichloroethane	2.5	U
79-01-6	Trichloroethene	2.5	U
108-87-2	Methylcyclohexane	2.5	U
78-87-5	1,2-Dichloropropane	2.5	U
75-27-4	Bromodichloromethane	2.5	U
10061-01-5	cis-1,3-Dichloropropene	2.5	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	2.5	U
10061-02-6	trans-1,3-Dichloropropene	2.5	U
79-00-5	1,1,2-Trichloroethane	2.5	U

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7/31/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K21DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0920.01DL
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: A14423
 Level: (TRACE/LOW/MED) TRACE Date Received: 05/21/2008
 % Moisture: not dec. Date Analyzed: 05/30/2008
 GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 10.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	2.5	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	2.5	U
106-93-4	1,2-Dibromoethane	2.5	U
108-90-7	Chlorobenzene	2.5	U
100-41-4	Ethylbenzene	1.7	DJ
95-47-6	o-Xylene	2.5	U
179601-23-1	m,p-Xylene	2.5	U
100-42-5	Styrene	2.5	U
75-25-2	Bromoform	2.5	U
98-82-8	Isopropylbenzene	2.5	U
79-34-5	1,1,2,2-Tetrachlorobethane	2.5	U
541-73-1	1,3-Dichlorobenzene	2.5	U
106-46-7	1,4-Dichlorobenzene	2.5	U
95-50-1	1,2-Dichlorobenzene	2.5	U
96-12-8	1,2-Dibromo-3-chloropropane	2.5	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.5	U
67-72-1	Hexachloroethane	10	U
91-20-3	Naphthalene	33	JD
630-20-6	1,1,1,2-Tetrachloroethane	2.5	U
96-18-4	1,2,3-Trichloropropane	2.5	U

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8 7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K21DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14423

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dec.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	11.86	18	DJ
02	Unknown-02	18.21	6.3	DJ
03	000095-13-6 Indene	18.65	8.2	DNJ
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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7/31/08

08052

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K22

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14216

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	3.9	J
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	5.4	
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

7/31/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K22

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14216

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.38	✓
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K22

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14216

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	11.87	1.9	JAN
02	Unknown-02	22.34	0.50	JAN
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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00068

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K36

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.02

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14422

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dec.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	3.9	J
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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SOM01.2 (6/2007)

00982

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K36

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.02

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14422

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dec.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Diechlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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SOM01.2 (6/2007)

00083

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K36

Lab Name: KAP TECHNOLOGIES, INC.	Contract: EPW05032
Lab Code: KAP Case No.: 37435	Mod. Ref No.: 1568.0 SDG No.: J8K50
Matrix: (SOIL/SED/WATER) WATER	Lab Sample ID: S-0920.02
Sample wt/vol: 25.00 (g/mL) ML	Lab File ID: A14422
Level: (TRACE or LOW/MED) TRACE	Date Received: 05/21/2008
% Moisture: not dec.	Date Analyzed: 05/30/2008
GC Column: RTX-VMS ID: 0.25 (mm)	Dilution Factor: 1.0
'Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	3.11	0.40	JN
02	Unknown-02	3.33	0.66	JN
03	Unknown-03	11.85	1.9	JN
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

RJ
7/31/08 00084

Report All but Benzene, Ethylbenzene & Naphthalene

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14223

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	UT
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichlorodethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.38	
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	63	E
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.5	
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

Report from
J8K43DL

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IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14223

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	31	E
95-47-6	o-Xylene	5.8	
179601-23-1	m,p-Xylene	0.74	
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	3.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	16	E
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

→ report from
J8K43DL

→ report from
J8K43DL

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7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K43

Lab Name: KAP TECHNOLOGIES, INC.	Contract: EPW05032		
Lab Code: KAP	Case No.: 37435	Mod. Ref No.: 1568.0	SDG No.: J8K50
Matrix: (SOIL/SED/WATER)	WATER	Lab Sample ID: S-0913.04	
Sample wt/vol: 25.00	(g/mL) ML	Lab File ID: A14223	
Level: (TRACE or LOW/MED)	TRACE	Date Received: 05/17/2008	
% Moisture: not dec.		Date Analyzed: 05/24/2008	
GC Column: RTX-VMS	ID: 0.25 (mm)	Dilution Factor: 1.0	
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		
CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Purge Volume: 25.0 (mL)	

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
01	Unknown-01	4.37	1.9	JN	
02	Unknown-02	6.01	1.2	JN	
03	000110-02-1	Thiophene	8.38	3.3	NJ
04	Unknown-03	11.87	2.0	JN	
05	000632-15-5	3,4-Dimethylthiophene	14.28	1.2	NJ
06	000611-14-3	Benzene, 1-ethyl-2-methyl-	16.19	1.0	NJ
07	000622-96-8	Benzene, 1-ethyl-4-methyl-	16.73	7.9	NJ
08	000098-83-9	.alpha.-Methylstyrene	16.81	1.9	NJ
09	000526-73-8	Benzene, 1,2,3-trimethyl-	17.06	12	NJ
10	000100-80-1	Benzene, 1-ethenyl-3-methyl-	17.23	2.5	NJ
11	000496-11-7	Indane	18.07	98	NJ
12	000095-13-6	Indene	18.66	220	NJ
13	Unknown-04	18.79	2.4	JN	
14	000527-84-4	Benzene, 1-methyl-2-(1-methyl	18.96	2.8	NJ
15	007525-62-4	Benzene, 1-ethenyl-3-ethyl-	19.13	4.5	NJ
16	076089-59-3	1,3-Cyclopentadiene, 1,2,3,4-	19.83	5.8	NJ
17	001504-58-1	3-Phenyl-2-propyn-1-ol	20.10	1.5	NJ
18	000874-35-1	IH-Indene, 2,3-dihydro-5-meth	20.21	11	NJ
19	000824-22-6	IH-Indene, 2,3-dihydro-4-meth	20.55	4.8	NJ
20	000535-77-3	Benzene, 1-methyl-3-(1-methyl	20.61	5.3	NJ
21	065051-83-4	Benzene, (1-methyl-2-cyclopro	20.83	18	NJ
22	000767-59-9	IH-Indene, 1-methyl-	20.99	7.0	NJ
23	002177-47-1	2-Methylindene	21.01	1.3	NJ
24	065051-83-4	Benzene, (1-methyl-2-cyclopro	21.08	17	NJ
25	000767-59-9	IH-Indene, 1-methyl-	21.09	4.0	NJ
26	004175-53-5	IH-Indene, 2,3-dihydro-1,3-di	21.41	1.9	NJ
27	000270-82-6	2-Benzothiophene #	22.17	19	NJ
28	Unknown-05		22.73	2.0	JN
29	014315-14-1	Benzo[b]thiophene, 5-methyl-	23.91	3.2	NJ
30	E966796	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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7/31/08

000999

Report Benzene, Ethylbenzene & Naphthalene

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14313

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	2.5	U
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl chloride	2.5	U
74-83-9	Bromomethane	2.5	U
75-00-3	Chloroethane	2.5	U
75-69-4	Trichlorofluoromethane	2.5	U
75-35-4	1,1-Dichloroethene	2.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	2.5	U
79-20-9	Methyl acetate	2.5	U
75-09-2	Methylene chloride	2.5	U
156-60-5	trans-1,2-Dichloroethene	2.5	U
1634-04-4	Methyl tert-butyl ether	2.5	U
75-34-3	1,1-Dichloroethane	2.5	U
156-59-2	cis-1,2-Dichloroethene	2.5	U
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	2.5	U
67-66-3	Chloroform	2.5	U
71-55-6	1,1,1-Trichloroethane	2.5	U
110-82-7	Cyclohexane	2.5	U
56-23-5	Carbon tetrachloride	2.5	U
71-43-2	Benzene	70	P → Report
107-06-2	1,2-Dichloroethane	2.5	U
79-01-6	Trichloroethene	2.5	U
108-87-2	Methylcyclohexane	2.5	U
78-87-5	1,2-Dichloropropane	2.5	U
75-27-4	Bromodichloromethane	2.5	U
10061-01-5	cis-1,3-Dichloropropene	2.5	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	2.5	U
10061-02-6	trans-1,3-Dichloropropene	2.5	U
79-00-5	1,1,2-Trichloroethane	2.5	U

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7/31/08

SOM01.2 (6/2007)

00142

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14313

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	2.5	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	2.5	U
106-93-4	1,2-Dibromoethane	2.5	U
108-90-7	Chlorobenzene	2.5	U
100-41-4	Ethylbenzene	26	J → Report
95-47-6	o-Xylene	2.9	D
179601-23-1	m,p-Xylene	2.5	U
100-42-5	Styrene	2.5	U
75-25-2	Bromoform	2.5	U
98-82-8	Isopropylbenzene	2.5	U
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U
541-73-1	1,3-Dichlorobenzene	2.5	U
106-46-7	1,4-Dichlorobenzene	2.5	U
95-50-1	1,2-Dichlorobenzene	2.5	U
96-12-8	1,2-Dibromo-3-chloropropane	2.5	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.5	U
67-72-1	Hexachloroethane	10	U
91-20-3	Naphthalene	10	J → Report
630-20-6	1,1,1,2-Tetrachloroethane	2.5	U
96-18-4	1,2,3-Trichloropropane	2.5	U

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7/31/08

IJ - FORM I VOA-TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K43DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0913.04DL
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: A14313
 Level: (TRACE or LOW/MED) TRACE Date Received: 05/17/2008
 % Moisture: not dec. Date Analyzed: 05/27/2008
 GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 10.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	12.12	17	DJB
02 000496-11-7	Indane	18.31	140	DNJ
03 000095-13-6	Indene	18.90	320	DNJ
04				
05				
06				
07				
08				
09				
10				
11				
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25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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 7/31/08 00144

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K50

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.04

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14211

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/15/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	1.1	
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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7/31/08

SOM01.2 (6/2007)

00156

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K50

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.04

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14211

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/15/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K50

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0903.04
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: A14211
 Level: (TRACE or LOW/MED) TRACE Date Received: 05/15/2008
 % Moisture: not dec. Date Analyzed: 05/24/2008
 GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.97	0.48	JN
02	Unkndwn-02	11.87	2.2	JN
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
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18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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7/31/08 00158

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K51

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.09

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14213

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	1.2	
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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7/31/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K51

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.09

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14213

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

[Signature]
7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K51

Lab Name: KAP TECHNOLOGIES, INC.	Contract: EPW05032		
Lab Code: KAP	Case No.: 37435	Mod. Ref No.: 1568.0	SDG No.: J8K50
Matrix: (SOIL/SED/WATER)	WATER	Lab Sample ID: S-0908.09	
Sample wt/vol: 25.00	(g/mL) ML	Lab File ID: A14213	
Level: (TRACE or LOW/MED)	TRACE	Date Received: 05/16/2008	
% Moisture: not dec.		Date Analyzed: 05/24/2008	
GC Column: RTX-VMS	ID: 0.25 (mm)	Dilution Factor: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot Volume: (uL)	
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Purge Volume: 25.0 (mL)	

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	11.87	2.1	JEN
02				
03				
04				
05				
06				
07				
08				
09				
10				
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23				
24				
25				
26				
27				
28				
29				
30				
E966796	Total Alkanes	N/A		

! EPA-designated Registry Number.

SOM01.2 (6/2007)

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7/31/08 00173

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K52

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.05

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14311

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

R
7/31/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K52

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.05

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14311

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K52

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.05

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14311

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	3.14	0.28	JN
02	Unknown-02	12.12	1.8	JN
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

R
7/31/08

80187

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K53

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14305

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	UJ
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.31	
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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7/31/08

SOM01.2 (6/2007)

00195

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K53

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14305

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropene	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K53

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14305

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	3.04	0.63	JN
02	Unknown-02	12.12	1.9	JN
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
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15				
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20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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7/31/08

BB198

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K60

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0911.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14217

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	UT
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.49	
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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7/31/08

SOM01.2 (6/2007) 00209

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K60

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0911.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14217

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

[Signature]
7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K60

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0911.01

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14217

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	3.00	0.52	JN
02	Unknown-02	3.32	0.51	JN
03	Unknown-03	11.87	2.2	JN
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

R
7/31/08 00211

Report All but Benzene, 2methylbenzene & Naphthalene

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14315

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 100.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	25	U
156-59-2	cis-1,2-Dichloroethene	25	U
78-93-3	2-Butanone	500	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	14.000	E
107-06-2	1,2-Dichloroethane	25	U
79-01-6	Trichloroethene	25	U
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	500	U
108-88-3	Toluene	58	
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U

Report from
J8K67DL

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7/31/08

SOM01.2 (6/2007)

90224

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0912.12
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: A14315
 Level: (TRACE/LOW/MED) TRACE Date Received: 05/17/2008
 % Moisture: not dec. Date Analyzed: 05/27/2008
 GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 100.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q.
127-18-4	Tetrachloroethene	25	UJ
591-78-6	2-Hexanone	500	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	1500	E
95-47-6	o-Xylene	640	J
179601-23-1	m,p-Xylene	380	J
100-42-5	Styrene	25	UJ
75-25-2	Bromoform	25	UJ
98-82-8	Isopropylbenzene	22	J
79-34-5	1,1,2,2-Tetrachloroethane	25	UJ
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U
87-68-3	Hexachlorobutadiene	25	U
67-72-1	Hexachloroethane	100	U
91-20-3	Naphthalene	12000	E
630-20-6	1,1,1,2-Tetrachloroethane	25	UJ
96-18-4	1,2,3-Trichloropropane	25	UJ

Report from
J8K67DL

Report from
J8K67DL

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7/31/08

IJ - FORM I VOA-TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K67

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14315

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 100.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01 000526-73-8	Benzene, 1,2,3-trimethyl-	17.31	380	NJ
02 000496-11-7	Indane	18.31	2500	NJ
03 000095-13-6	Indene	18.91	510	NJ
04				
05				
06				
07				
08				
09				
10				
11				
12				
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29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

Report Only Benzene, Ethylbenzene & Naphthalene

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14318

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
67-64-1	Acetone	5000	U
75-15-0	Carbon disulfide	250	U
79-20-9	Methyl acetate	250	U
75-09-2	Methylene chloride	250	U
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-butyl ether	250	U
75-34-3	1,1-Dichloroethane	250	U
156-59-2	cis-1,2-Dichloroethene	250	U
78-93-3	2-Butanone	5000	U
74-97-5	Bromochloromethane	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
110-82-7	Cyclohexane	250	U
56-23-5	Carbon tetrachloride	250	U
71-43-2	Benzene	3100	JP → Report
107-06-2	1,2-Dichloroethane	250	U
79-01-6	Trichloroethene	250	U
108-87-2	Methylcyclohexane	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	5000	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U

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7/31/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14318

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	5000	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	190	DU → Report
95-47-6	o-Xylene	250	U
179601-23-1	m,p-Xylene	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	500	U
87-61-6	1,2,3-Trichlorobenzene	500	U
87-68-3	Hexachlorobutadiene	250	U
67-72-1	Hexachloroethane	1000	U
91-20-3	Naphthalene	380	JP → Report
630-20-6	1,1,1,2-Tetrachloroethane	250	U
96-18-4	1,2,3-Trichloropropane	250	U

7/31/08

IJ - FORM 1 VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K67DL

Lab Name: KAP TECHNOLOGIES, INC.	Contract: EPW05032	
Lab Code: KAP Case No.: 37435	Mod. Ref No.: 1568.0 SDG No.: J8K50	
Matrix: (SOIL/SED/WATER) WATER	Lab Sample ID: S-0912.12DL	
Sample wt/vol: 25.00 (g/mL) ML	Lab File ID: A14318	
Level: (TRACE or LOW/MED) TRACE	Date Received: 05/17/2008	
% Moisture: not dec.	Date Analyzed: 05/27/2008	
GC Column: RTX-VMS	ID: 0.25 (mm)	Dilution Factor: 1000.0
Soil Extract Volume:	(uL)	Soil Aliquot Volume: (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	3.00	740	DJ
02	Unknown-02	3.33	680	DJ
03	Unknown-03	12.12	2000	DJ
04				
05				
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08				
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30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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7/31/08 08242

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K85

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.02

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14221

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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8/4/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K85

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.02

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14221

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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8/4/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K85

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.02

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14221

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.98	0.59	JN
02	Unknown-02	11.87	2.1	JN
03				
04				
05				
06				
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09				
10				
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28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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08255

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K86

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.03

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14222

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	1.4	
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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8/14/08 SOM01.2 (6/2007) 00268

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K86

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.03

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14222

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K86

Lab Name: KAP TECHNOLOGIES, INC.	Contract: EPW05032		
Lab Code: KAP	Case No.: 37435	Mod. Ref No.: 1568.0	SDG No.: J8K50
Matrix: (SOIL/SED/WATER)	WATER	Lab Sample ID: S-0913.03	
Sample wt/vol: 25.00	(g/mL) ML	Lab File ID: A14222	
Level: (TRACE or LOW/MED)	TRACE	Date Received: 05/17/2008	
% Moisture: not dec.		Date Analyzed: 05/24/2008	
GC Column: RTX-VMS	ID: 0.25 (mm)	Dilution Factor: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot Volume: (uL)	
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Purge Volume: 25.0 (mL)	

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.96	0.60	JN
02	Unknown-02	3.32	0.38	J
03	Unknown-03	11.87	2.0	J
04				
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30				
E966796	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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8/14/08

62270

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K87

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.05

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14212

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/15/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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7/31/08

IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K87

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.05

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14212

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/15/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K87

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0903.05
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: A14212
 Level: (TRACE or LOW/MED) TRACE Date Received: 05/15/2008
 % Moisture: not dec. Date Analyzed: 05/24/2008
 GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.97	0.50	JN
02	Unknown-02	3.36	0.38	JN
03	Unknown-03	11.87	2.1	JN
04				
05				
06				
07				
08				
09				
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27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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 7/31/08 00285

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K88

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.10

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14214

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	1.2	
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K88

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.10

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14214

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K88

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.10

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14214

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/16/2008

% Moisture: not dec.

Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.96	0.50	JN
02	Unknown-02	3.35	0.45	JN
03	Unknown-03	11.87	2.1	JN
04				
05				
06				
07				
08				
09				
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26				
27				
28				
29				
30				
E966796 ¹	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K89

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.06

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14312

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg), UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.25	U
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.13	J
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.13	J
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.25	U
10061-02-6	trans-1,3-Dichloropropene	0.13	J
79-00-5	1,1,2-Trichloroethane	0.25	U

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IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K89

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.06

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14312

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K89

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.06

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14312

Level: (TRACE or LOW/MED) TRACE

Date Received: 05/17/2008

% Moisture: not dec.

Date Analyzed: 05/27/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	12.12	1.8	JPN
02				
03				
04				
05				
06				
07				
08				
09				
10				
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24				
25				
26				
27				
28				
29				
30				
E9667961	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K90

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0920.03
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: A14421
 Level: (TRACE/LOW/MED) TRACE Date Received: 05/21/2008
 % Moisture: not dec. Date Analyzed: 05/30/2008
 GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
 Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.25	U
74-87-3	Chloromethane	0.25	U
75-01-4	Vinyl chloride	0.25	U
74-83-9	Bromomethane	0.25	U
75-00-3	Chloroethane	0.25	U
75-69-4	Trichlorofluoromethane	0.25	U
75-35-4	1,1-Dichloroethene	0.25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.25	U
79-20-9	Methyl acetate	0.25	U
75-09-2	Methylene chloride	0.31	J
156-60-5	trans-1,2-Dichloroethene	0.25	U
1634-04-4	Methyl tert-butyl ether	0.25	U
75-34-3	1,1-Dichloroethane	0.25	U
156-59-2	cis-1,2-Dichloroethene	0.25	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.25	U
67-66-3	Chloroform	0.25	U
71-55-6	1,1,1-Trichloroethane	0.25	U
110-82-7	Cyclohexane	0.25	U
56-23-5	Carbon tetrachloride	0.25	U
71-43-2	Benzene	0.25	U
107-06-2	1,2-Dichloroethane	0.25	U
79-01-6	Trichloroethene	0.25	U
108-87-2	Methylcyclohexane	0.25	U
78-87-5	1,2-Dichloropropane	0.25	U
75-27-4	Bromodichloromethane	0.25	U
10061-01-5	cis-1,3-Dichloropropene	0.25	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.24	J
10061-02-6	trans-1,3-Dichloropropene	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U

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SOM01.2 (6/2007)

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IB - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K90

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.03

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: A14421

Level: (TRACE/LOW/MED) TRACE

Date Received: 05/21/2008

% Moisture: not dee.

Date Analyzed: 05/30/2008

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.25	U
591-78-6	2-Hexanohe	5.0	U
124-48-1	Dibromochloromethane	0.25	U
106-93-4	1,2-Dibromoethane	0.25	U
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.25	U
95-47-6	o-Xylene	0.25	U
179601-23-1	m,p-Xylene	0.25	U
100-42-5	Styrene	0.25	U
75-25-2	Bromoform	0.25	U
98-82-8	Isopropylbenzene	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U
541-73-1	1,3-Dichlorobenzene	0.25	U
106-46-7	1,4-Dichlorobenzene	0.25	U
95-50-1	1,2-Dichlorobenzene	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.25	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.25	U
67-72-1	Hexachloroethane	1.0	U
91-20-3	Naphthalene	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	U
96-18-4	1,2,3-Trichloropropane	0.25	U

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7/31/08

IJ - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K90

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0920.03
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: A14421
 Level: (TRACE or LOW/MED) TRACE Date Received: 05/21/2008
 % Moisture: not dec. Date Analyzed: 05/30/2008
 GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 25.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.97	0.85	JN
02	Unknown-02	3.38	0.68	J
03	Unknown-03	11.85	2.1	J
04				
05				
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30				
E966796	Total Alkanes	N/A		

¹ EPA-designated Registry Number.

SOM01.2 (6/2007)

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ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K21

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0668

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/21/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/25/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.4

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	UJ
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	1.3	
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	1.5	
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.50	U
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.36	J
77-47-4	Hexachlorocyclopentadiene	0.50	UJ
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	0.50	U
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	0.29	J
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U

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8/13/08

SOM01.2 (6/2007)

00582

IE - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K21

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01

Sample \wt/vol: 1000 (g/mL) ML

Lab File ID: G0668

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: Decanted: (Y/N) N

Date Received: 05/21/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/25/2008

Injection Volume: 1.0 (uL) GPC Factor:

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.4

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.71	J
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	0.50	U
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	U
85-68-7	Butylbenzylphthalate	0.67	
91-94-1	3,3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.2	
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.50	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U

¹ Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007) 00583

IK - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K21

Lab Name:	KAP TECHNOLOGIES, INC.	Contract:	EPW05032	
Lab Code:	KAP	Case No.:	37435	
Matrix:	(SOIL/SED/WATER)	Mod. Ref No.:	1568.0 SDG No.:	
Sample wt/vol:	1000 (g/mL)	ML		
Level:	(LOW/MED) LOW	Extraction:	(Type) CONT	
% Moisture:	Decanted: (Y/N) N	Date Received:	05/21/2008	
Concentrated Extract Volume:	500 (uL)	Date Extracted:	05/25/2008	
Injection Volume:	1.0 (uL)	Date Analyzed:	06/07/2008	
GPC Cleanup:	(Y/N) N	pH:	5.4	
CONCENTRATION UNITS: (ug/L or ug/Kg)		UG/L	Dilution Factor:	1.0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	2.3	JN
02	Unknown-02	2.77	4.4	J
03	Unknown-03	3.18	4.8	J
04	000673-32-5 Benzene, 1-propynyl-	6.40	2.1	NJ
05	Unknown-04	13.54	2.3	JN
06	Unknown-05	14.38	3.5	J
07	Unknown-06	14.75	3.3	J
08	Unknown-07	15.17	2.8	J
09	Unknown-08	15.30	6.6	J
10	Unknown-09	15.33	5.8	J
11	Unknown-10	15.47	57	J
12	Unknown-11	15.65	2.0	J
13	Unknown-12	16.25	3.9	J
14				
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30				
E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

R
8/13/08 00584

ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K22

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0661

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	0.50	U
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	6.3	
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.50	U
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	0.50	U
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	0.50	U
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U

8/13/08

SOM01.2 (6/2007)

00614

IE - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K22

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0661

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0. (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.50	U
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4, 6-Dinitro-2-methylphehol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1, 2, 4, 5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	0.50	U
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	U
85-68-7	Butylbenzylphthalate	0.50	U
91-94-1	3, 3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.52	
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1, 2, 3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a, h)anthracene	0.50	U
191-24-2	Benzo(g, h, i)perylene	0.50	U
58-90-2	2, 3, 4, 6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1, 2-Dichlorobenzene	0.50	U
106-46-7	1, 4-Dichlorobenzene	0.50	U
541-73-1	1, 3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1, 2, 4-Trimethylbenzene	0.50	U
108-67-8	1, 3, 5-Trimethylbenzene	0.50	U

* Cannot be separated from Diphenylamine

R
8/13/08

IK - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K22

Lab Name: KAP TECHNOLOGIES, INC.	Contract: EPW05032
Lab Code: KAP Case No.: 37435	Mod. Ref No.: 1568.0 SDG No.: J8K50
Matrix: (SOIL/SED/WATER) WATER	Lab Sample ID: S-0908.01
Sample wt/vol: 1000 (g/mL) ML	Lab File ID: G0661
Level: (LOW/MED) LOW	Extraction: (Type) CONT
% Moisture: _____ Decanted: (Y/N) N	Date Received: 05/16/2008
Concentrated Extract Volume: 500 (uL)	Date Extracted: 05/16/2008
Injection Volume: 1.0 (uL)	Date Analyzed: 06/07/2008
GPC Cleanup: (Y/N) N pH: 5.6	Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	1.5	JN
02	Unknown-02	2.42	1.3	J
03	Unknown-03	3.13	1.2	J
04	Unknown-04	3.18	5.1	J
05	Unknown-05	6.50	1.4	J
06	Unknown-06	7.22	1.2	J
07	Unknown-07	10.38	1.5	J
08 000096-76-4	Phenol, 2,4-bis(1,1-dimethyle	12.62	2.4	NJ
09	Unknown-08	15.17	1.2	JN
10	Unknown-09	15.78	2.4	JN
11 007683-64-9	Squalene	18.32	1.4	NJ
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E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

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8/13/08

06616

ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0666

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.9

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	2.3	
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.71	
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.50	U
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	5.4	
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	4.9	
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.29	J
121-14-2	2,4-Dinitrotoluene	0.50	U

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8/13/08

SOM01.2 (6/2007)

98644

IE - FORM I SV-2
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0666

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.9

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.50	U
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	1.3	
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	U
85-68-7	Butylbenzylphthalate	0.50	U
91-94-1	3,3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.50	J
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.50	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U

¹ Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

00645

IK - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K43

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0666

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL)

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.9

Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	3.24	3.1	JN
02 000108-67-8	Benzene, 1,3,5-trimethyl-	6.02	1.6	NJ
03	Unknown-02	6.26	6.2	JN
04 000673-32-5	Benzene, 1-propynyl-	6.41	22	NJ
05 002177-47-1	2-Methylindene	8.09	2.9	NJ
06 000767-59-9	IH-Indene, 1-methyl-	8.18	4.4	NJ
07 000271-17-0	Cyclopenta[b]thiapyran	8.79	5.8	NJ
08	Unknown-03	10.07	1.9	JN
09 016587-47-6	Benzo[b]thiophene, 6-methyl-	10.19	1.7	NJ
10 000090-12-0	Naphthalene, 1-methyl-	10.52	13	NJ
11 000575-41-7	Naphthalene, 1,3-dimethyl-	11.87	1.5	NJ
12	Unknown-04	12.58	3.4	JN
13	Unknown-05	15.80	1.5	JN
14				
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E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

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ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K50

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0660

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 6.3

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	0.50	U
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.50	U
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.50	U
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	0.50	U
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	0.50	U
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U

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IE - FORM I SV-2
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K50

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0660

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 6.3

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.50	U
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4, 6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1, 2, 4, 5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	0.50	U
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	U
85-68-7	Butylbenzylphthalate	0.50	U
91-94-1	3, 3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.50	U
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1, 2, 3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a, h)anthracene	0.50	U
191-24-2	Benzo(g, h, i)perylene	0.50	U
58-90-2	2, 3, 4, 6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1, 2-Dichlorobenzene	0.50	U
106-46-7	1, 4-Dichlorobenzene	0.50	U
541-73-1	1, 3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1, 2, 4-Trimethylbenzene	0.50	U
108-67-8	1, 3, 5-Trimethylbenzene	0.50	U

¹ Cannot be separated from Diphenylamine

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SOM01.2 (6/2007)

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IK - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K50

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0660

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL)

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 6.3

Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	0.91	JN
02	Unknown-02	2.76	0.58	J
03	Unknown-03	2.86	0.99	J
04	Unknown-04	3.13	0.72	J
05	Unknown-05	3.18	3.2	J
06	Unknown-06	3.76	0.53	J
07	Unknown-07	4.26	0.67	J
08	Unknown-08	4.29	1.9	J
09	Unknown-09	4.50	1.2	J
10	Unknown-10	4.55	0.53	J
11	Unknown-11	4.75	1.8	J
12	Unknown-12	5.01	2.3	J
13	Unknown-13	5.71	0.54	J
14	Unknown-14	6.10	0.70	J
15	Unknōwn-15	6.51	0.88	J
16	007206-19-1 3-Octadecene, (E)-	6.94	0.64	NJ
17	Unknown-16	7.22	0.92	JN
18	Unknown-17	10.39	1.0	JN
19	000096-76-4 Phenol, 2,4-bis(1,1-dimethyle	12.62	4.3	NJ
20	Unknown-18	17.48	0.77	JN
21	Unknown-19	17.75	0.67	J
22	Unknown-20	18.33	0.70	J
23	126848-01-9 3,5,6-Trimethyl-p-quinone, 2-	18.59	0.94	NJ
24	Unknown-21	20.39	0.72	JN
25				
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30				
E966796 ²	Total Alkanes	N/A	2.5	JN

² EPA-designated Registry Number.

SOM01.2 (6/2007)

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ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K51

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.09

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0662

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	0.86	
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.50	U
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.50	U
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	0.50	U
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	0.50	U
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U

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IE - FORM I SV-2
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K51

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.09

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0662

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.50	U
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	0.50	U
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	U
85-68-7	Butylbenzylphthalate	0.50	U
91-94-1	3,3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.38	J
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.50	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U

1 Cannot be separated from Diphenylamine

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IK - FORM I SV-TIC
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K51

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0908.09
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: G0662
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) N Date Received: 05/16/2008
 Concentrated Extract Volume: 500 (uL) Date Extracted: 05/16/2008
 Injection Volume: 1.0 (uL) Date Analyzed: 06/07/2008
 GPC Cleanup: (Y/N) N pH: 5.8 Dilution Factor: 1.0
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	2.7	JN
02	Unknown-02	3.13	1.2	J
03	Unknown-03	3.18	4.9	J
04	000138-86-3 Limonene	6.10	1.1	NJ
05	Unknown-04	6.50	1.5	JN
06	Unknown-05	6.93	1.0	J
07	Unknown-06	7.22	1.4	J
08	Unknown-07	10.27	0.90	J
09	Unknown-08	10.38	1.6	J
10	000096-76-4 Phenol, 2,4-bis(1,1-dimethyle	12.61	6.1	NJ
11	288246-53-7 Pyridine-3-carboxamide, oxime	17.48	1.0	NJ
12	000111-02-4 2,6,10,14,18,22-Tetracosahexa	18.33	1.3	NJ
13	054125-39-2 trans-2,3-Epoxydecane	20.39	0.97	NJ
14				
15				
16				
17				
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29				
30				
E966796 ²	Total Alkanes	N/A	1.1	JN

² EPA-designated Registry Number.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K52

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.05

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0667

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 6.1

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	0.65	
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.50	U
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.50	U
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	0.50	U
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	0.50	U
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U

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IE - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K52

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913:05

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0667

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 6.1

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.46	J
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4, 6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1, 2, 4, 5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	0.50	U
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	U
85-68-7	Butylbenzylphthalate	0.50	U
91-94-1	3, 3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.42	J
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1, 2, 3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a, h)anthracene	0.50	U
191-24-2	Benzo(g, h, i)perylene	0.50	U
58-90-2	2, 3, 4, 6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1, 2-Dichlorobenzene	0.50	U
106-46-7	1, 4-Dichlorobenzene	0.50	U
541-73-1	1, 3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1, 2, 4-Trimethylbenzene	0.50	U
108-67-8	1, 3, 5-Trimethylbenzene	0.50	U

¹ Cannot be separated from Diphenylamine

L
8/13/08

00751

SOM01.2 (6/2007)

IK - FORM I SV-TIC
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K52

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032
 Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: S-0913.05
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: G0667
 Level: (LOW/MED) LOW Extraction: (Type) CONT
 % Moisture: _____ Decanted: (Y/N) N Date Received: 05/17/2008
 Concentrated Extract Volume: 500 (uL) Date Extracted: 05/18/2008
 Injection Volume: 1.0 (uL) Date Analyzed: 06/07/2008
 GPC Cleanup: (Y/N) N pH: 6.1 Dilution Factor: 1.0
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	2.2	JN
02	Unknown-02	3.18	2.3	J
03	Unknown-03	8.17	1.7	J
04	Unknown-04	10.09	3.4	J
05	Unknown-05	10.48	2.0	J
06	Unknown-06	12.62	7.7	J
07	Unknown-07	21.30	2.1	J
08				
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28				
29				
30				
E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

R
8/13/08

88752

ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K53

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0664

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	0.50	U
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.48	J
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.50	U
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	0.50	U
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	0.50	U
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U

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8/13/08

SOM01.2 (6/2007)

88738

IE - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K53

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0664

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.34	J
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	0.50	U
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.26	J
129-00-0	Pyrene	0.38	J
85-68-7	Butylbenzylphthalate	0.34	J
91-94-1	3,3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.26	J
117-81-7	Bis(2-ethylhexyl)phthalate	0.49	J
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.36	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.27	J
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.35	J
58-90-2	2,3,4,6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U

¹ Cannot be separated from Diphenylamine

8/13/08

SOM01.2 (6/2007) 38781

IK - FORM I SV-TIC
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K53

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0664

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL)

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	1.4	JN
02	Unknown-02	2.44	1.1	J
03	Unknown-03	3.18	2.2	J
04	Unknown-04	3.26	2.9	J
05	Unknown-05	10.08	1.2	J
06	000080-53-5 Cyclohexanemethanol, 4-hydrox	10.37	1.6	NJ
07	Unknown-06	12.58	1.0	JN
08	000128-39-2 Phenol, 2,6-bis(1,1-dimethyle	12.62	0.87	NJ
09	Unknown-07	17.82	0.99	JN
10	Unknown-08	18.16	0.88	J
11	Unknown-09	18.33	1.2	J
12	000050-32-8 Benzo[a]pyrene	18.60	1.6	NJ
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30				
E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

L
8/13/08

#3782

ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K60

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0911.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0663

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1;0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.4

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	0.50	U
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.50	U
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	0.50	U
106-44-5	4-Methylphenol	0.50	U
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	0.50	U
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	0.50	U
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.50	U
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	0.50	U
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	0.50	U
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	0.50	U
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	0.50	U
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U

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8/13/08

SOM01.2 (6/2007)

002913

IE - FORM I SV-2
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K60

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0911.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0663

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.4

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.50	U
86-73-7	Fluorene	0.50	U
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
86-74-8	Carbazole	0.50	U
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	U
85-68-7	Butylbenzylphthalate	0.33	J
91-94-1	3,3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.33	J
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.50	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	UJ
106-46-7	1,4-Dichlorobenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U

¹ Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

200512

IK - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K60

Lab Name:	KAP TECHNOLOGIES, INC.	Contract:	EPW05032				
Lab Code:	KAP	Case No.:	37435	Mod. Ref No.:	1568.0	SDG No.:	J8K50
Matrix:	(SOIL/SED/WATER)	WATER		Lab Sample ID:	S-0911.01		
Sample wt/vol:	1000	(g/mL)	ML	Lab File ID:	G0663		
Level:	(LOW/MED)	LOW		Extraction:	(Type) CONT		
% Moisture:		Decanted:	(Y/N) N	Date Received:	05/17/2008		
Concentrated Extract Volume:	500	(uL)		Date Extracted:	05/18/2008		
Injection Volume:	1.0	(uL)		Date Analyzed:	06/07/2008		
GPC Cleanup:	(Y/N) N	pH:	5.4	Dilution Factor:	1.0		
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L							

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	1.8	JN
02	Unknown-02	2.54	1.1	J
03	Unknown-03	3.18	2.3	J
04	000108-90-7 Benzene, chloro-	3.26	2.8	NJ
05	Unknown-04	10.37	1.2	JN
06	Unknown-05	17.15	1.2	J
07	Unknown-06	17.37	0.98	J
08	Unknown-07	18.15	0.76	J
09	Unknown-08	18.32	1.5	J
10	Unknown-09	18.60	1.2	J
11	Unknown-10	18.74	0.87	J
12	Unknown-11	18.92	1.0	J
13	Unknown-12	21.30	0.74	J
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30				
E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

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8/13/08

00815

Report All from this run except those specified

ID - FORM I SV-1
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0665

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.50	U
108-95-2	Phenol	18	E → Report from J8K67DL
111-44-4	Bis(2-chloroethyl)ether	0.50	U
95-57-8	2-Chlorophenol	0.50	U
95-48-7	2-Methylphenol	0.64	
108-60-1	2,2'-Oxybis(1-chloropropane)	0.50	U
98-86-2	Acetophenone	3.8	
106-44-5	4-Methylphenol	2.3	
621-64-7	N-Nitroso-di-n-propylamine	0.50	U
67-72-1	Hexachloroethane	0.50	U
98-95-3	Nitrobenzene	0.50	U
78-59-1	Isophorone	0.50	U
88-75-5	2-Nitrophenol	0.50	U
105-67-9	2,4-Dimethylphenol	14	E → Report from J8K67DL
111-91-1	Bis(2-chloroethoxy)methane	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U
91-20-3	Naphthalene	120	E → Report from J8K67DL2
106-47-8	4-Chloroaniline	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
105-60-2	Caprolactam	0.50	U
59-50-7	4-Chloro-3-methylphenol	0.50	U
91-57-6	2-Methylnaphthalene	53	E → Report from J8K67DL
77-47-4	Hexachlorocyclopentadiene	0.50	U
88-06-2	2,4,6-Trichlorophenol	0.50	U
95-95-4	2,4,5-Trichlorophenol	0.50	U
92-52-4	1,1'-Biphenyl	6.3	
91-58-7	2-Chloronaphthalene	0.50	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethylphthalate	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
208-96-8	Acenaphthylene	2.0	
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	20	E → Report from J8K67DL
51-28-5	2,4-Dinitrophenol	2.5	U
100-02-7	4-Nitrophenol	1.0	U
132-64-9	Dibenzofuran	1.1	
121-14-2	2,4-Dinitrotoluene	0.50	U

R
8/13/08

SOM01.2 (6/2007)

BBB42

IE - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0665

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	0.41	J
86-73-7	Fluorene	6.1	
7005-72-3	4-Chlorophenyl-phenylether	0.50	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4, 6-Dinitro-2-methylphenol	1.0	U
86-30-6	N-Nitrosodiphenylamine 1	0.50	U
95-94-3	1, 2, 4, 5-Tetrachlorobenzene	0.50	U
101-55-3	4-Bromophenyl-phenylether	0.50	U
118-74-1	Hexachlorobenzene	0.50	U
1912-24-9	Atrazine	0.50	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	6.7	
120-12-7	Anthracene	0.97	
86-74-8	Carbazole	13	E → Report from J8K67DL
84-74-2	Di-n-butylphthalate	0.50	U
206-44-0	Fluoranthene	1.5	
129-00-0	Pyrene	1.6	
85-68-7	Butylbenzylphthalate	1.0	
91-94-1	3,3'-Dichlorobenzidine	0.50	U
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.78	
117-84-0	Di-n-octylphthalate	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.50	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.50	U
92-87-5	Benzidine	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	UJ
106-46-7	1,4-Dichlorobenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
62-75-9	N-Nitrosodimethylamine	0.50	U
95-63-6	1,2,4-Trimethylbenzene	8.9	E → Report from J8K67DL
108-67-8	1,3,5-Trimethylbenzene	57	E → Report from J8K67DL

¹ Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007) 00043

IK - FORM I SV-TIC
SEMICVOLATILE ORGANICS ANALYSIS, DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K67

Lab Name:	KAP TECHNOLOGIES, INC.	Contract:	EPW05032				
Lab Code:	KAP	Case No.:	37435	Mod. Ref No.:	1568.0	SDG No.:	J8K50
Matrix:	(SOIL/SED/WATER)	WATER		Lab Sample ID:	S-0912.12		
Sample wt/vol:	1000	(g/mL)	ML	Lab File ID:	G0665		
Level:	(LOW/MED)	LOW		Extraction:	(Type) CONT		
% Moisture:		Decanted:	(Y/N) N	Date Received:	05/17/2008		
Concentrated Extract Volume:	500	(uL)		Date Extracted:	05/18/2008		
Injection Volume:	1.0	(uL)		Date Analyzed:	06/07/2008		
GPC Cleanup:	(Y/N) N	pH:	5.6	Dilution Factor:	1.0		
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L							

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.56	2.4	JN
02	Unknown-02	3.22	1.9	J
03	Unknown-03	4.45	2.5	J
04	Benzene, 1-ethyl-2-methyl-	5.03	6.5	NJ
05	Benzofuran	5.61	15	NJ
06	Benzene, 1,2,3-trimethyl-	6.02	18	NJ
07	Unknown-04	6.27	100	JN
08	Indene	6.41	50	NJ
09	Unknown-05	11.06	2.9	JN
10	Unknown-06	11.23	2.1	JN
11	Naphthalene, 1-ethyl-	11.57	5.5	NJ
12	Unknown-07	11.71	4.4	JN
13	Naphthalene, 1,3-dimethyl-	11.87	3.4	NJ
14	Naphthalene, 1,6-dimethyl-	11.90	2.2	NJ
15	Naphthalene, 1,4-dimethyl-	12.07	2.7	NJ
16	Unknown-08	12.34	1.8	JN
17	2-Naphthalenecarbonitrile	12.60	2.1	NJ
18	1-Naphthalenol	12.70	3.5	NJ
19	Unknown-09	12.98	2.5	JN
20	Unknown-10	13.02	1.9	JN
21	Phthalimidine	13.12	4.2	NJ
22	Unknown-11	13.41	1.8	JN
23	1(2H)-Isoquinolinone	14.09	2.8	NJ
24	Unknown-12	18.33	2.3	JN
25	Benz[e]acephenanthrylene	18.59	2.0	NJ
26				
27				
28				
29				
30				
E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

Ron
8/13/08

00244

ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0677

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 5.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	2.5	U
108-95-2	Phenol	33	P → Report
111-44-4	Bis(2-chloroethyl)ether	2.5	U
95-57-8	2-Chlorophenol	2.5	U
95-48-7	2-Methylphenol	1.3	DJ
108-60-1	2,2'-Oxybis(1-chloropropane)	2.5	U
98-86-2	Acetophenone	7.0	D
106-44-5	4-Methylphenol	4.1	D
621-64-7	N-Nitroso-di-n-propylamine	2.5	U
67-72-1	Hexachloroethane	2.5	U
98-95-3	Nitrobenzene	2.5	U
78-59-1	Isophorone	2.5	U
88-75-5	2-Nitrophenol	2.5	U
105-67-9	2,4-Dimethylphenol	32	P → Report
111-91-1	Bis(2-chloroethoxy)methane	2.5	U
120-83-2	2,4-Dichlorophenol	2.5	U
91-20-3	Naphthalene	540	DE
106-47-8	4-Chloroaniline	2.5	U
87-68-3	Hexachlorobutadiene	2.5	U
105-60-2	Caprolactam	2.5	U
59-50-7	4-Chloro-3-methylphenol	2.5	U
91-57-6	2-Methylnaphthalene	170	DEJ → Report
77-47-4	Hexachlorocyclopentadiene	2.5	U
88-06-2	2,4,6-Trichlorophenol	2.5	U
95-95-4	2,4,5-Trichlorophenol	2.5	U
92-52-4	1,1'-Biphenyl	13	D
91-58-7	2-Chloronaphthalene	2.5	U
88-74-4	2-Nitroaniline	5.0	U
131-11-3	Dimethylphthalate	2.5	U
606-20-2	2,6-Dinitrotoluene	2.5	U
208-96-8	Acenaphthylene	3.8	D
99-09-2	3-Nitroaniline	5.0	U
83-32-9	Acenaphthene	38	P → Report
51-28-5	2,4-Dinitrophenol	13	U
100-02-7	4-Nitrophenol	5.0	U
132-64-9	Dibenzofuran	2.3	DJ
121-14-2	2,4-Dinitrotoluene	2.5	U

R
8/13/08

SOM01.2 (6/2007)

BB 542

IE - FORM I SV-2
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0677

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 5.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	2.5	U
86-73-7	Fluorene	12	D
7005-72-3	4-Chlorophenyl-phenylether	2.5	U
100-01-6	4-Nitroaniline	5.0	U
534-52-1	4,6-Dinitro-2-methylphenol	5.0	U
86-30-6	N-Nitrosodiphenylamine 1	2.5	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.5	U
101-55-3	4-Bromophenyl-phenylether	2.5	U
118-74-1	Hexachlorobenzene	2.5	U
1912-24-9	Atrazine	2.5	U
87-86-5	Pentachlorophenol	2.5	U
85-01-8	Phenanthrene	13	D
120-12-7	Anthracene	2.0	DJ
86-74-8	Carbazole	24	D → Report
84-74-2	Di-n-butylphthalate	2.5	U
206-44-0	Fluoranthene	2.9	D
129-00-0	Pyrene	3.2	D
85-68-7	Butylbenzylphthalate	1.8	DJ
91-94-1	3,3'-Dichlorobenzidine	2.5	U
56-55-3	Benzo(a)anthracene	2.5	U
218-01-9	Chrysene	2.5	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.7	DJ
117-84-0	Di-n-octylphthalate	2.5	U
205-99-2	Benzo(b)fluoranthene	2.5	U
207-08-9	Benzo(k)fluoranthene	2.5	U
50-32-8	Benzo(a)pyrene	2.5	U
193-39-5	Indeno(1,2,3-cd)pyrene	2.5	U
53-70-3	Dibenzo(a,h)anthracene	2.5	U
191-24-2	Benzo(g,h,i)perylene	2.5	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.5	U
92-87-5	Benzidine	2.5	U
95-50-1	1,2-Dichlorobenzene	2.5	U
106-46-7	1,4-Dichlorobenzene	2.5	U
541-73-1	1,3-Dichlorobenzene	2.5	U
62-75-9	N-Nitrosodimethylamine	2.5	U
95-63-6	1,2,4-Trimethylbenzene	16	D → Report
108-67-8	1,3,5-Trimethylbenzene	98	DJ → Report

¹ Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

88983

IK - FORM I SV-TIC
SEMI VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K67DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0677

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL)

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 5.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	2.34	24	DJ
02	001462-03-9 Cyclopentanol, 1-methyl-	2.56	21	DNJ
03	Unknown-02	3.18	19	DJ
04	Unknown-03	3.27	11	DJ
05	000098-82-8 Benzene, (1-methylethyl)-	4.40	14	DNJ
06	Unknown-04	4.45	20	DJ
07	000637-50-3 Benzene, 1-propenyl-	4.75	13	DNJ
08	Unknown-05	4.87	11	DJ
09	000611-14-3 Benzene, 1-ethyl-2-methyl-	5.02	59	DNJ
10	Unknown-06	5.60	140	DJ
11	000526-73-8 Benzene, 1,2,3-trimethyl-	6.02	160	DNJ
12	000496-11-7 Indane	6.25	840	DNJ
13	000673-32-5 Benzene, 1-propynyl-	6.40	420	DNJ
14	Unknown-07	6.98	11	DJ
15	Unknown-08	7.38	14	DJ
16	000767-59-9 IH-Indene, 1-methyl-	8.17	40	DNJ
17	000095-15-8 Benzo[b]thiophene	8.78	79	DNJ
18	000083-33-0 IH-Inden-1-one, 2,3-dihydro-	10.07	18	DNJ
19	Unknown-09	10.42	21	DJ
20	000090-12-0 Naphthalene, 1-methyl-	10.52	110	DNJ
21	Unknown-10	11.56	15	DJ
22	000582-16-1 Naphthalene, 2,7-dimethyl-	11.71	16	DNJ
23	000581-40-8 Naphthalene, 2,3-dimethyl-	11.86	12	DNJ
24	000613-46-7 2-Naphthalenecarbonitrile	12.59	12	DNJ
25	000491-30-5 1(2H)-Isoquinolinone	14.03	27	DNJ
26	002721-59-7 2(IH)-Quinolinone, 3-methyl-	14.22	12	DNJ
27	Unknown-11	14.61	12	DJ
28				
29				
30				
E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

RJ
8/13/08

002804

ID - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67DL2

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL2

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0679

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 500.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	250	U
108-95-2	Phenol	250	U
111-44-4	Bis(2-chloroethyl)ether	250	U
95-57-8	2-Chlorophenol	250	U
95-48-7	2-Methylphenol	250	U
108-60-1	2,2'-Oxybis(1-chloropropane)	250	U
98-86-2	Acetophenone	250	U
106-44-5	4-Methylphenol	250	U
621-64-7	N-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	250	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethylphenol	250	U
111-91-1	Bis(2-chloroethoxy)methane	250	U
120-83-2	2,4-Dichlorophenol	250	U
91-20-3	Naphthalene	1800	X → Report
106-47-8	4-Chloroaniline	250	U
87-68-3	Hexachlorobutadiene	250	U
105-60-2	Caprolactam	250	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	140	DJ
77-47-4	Hexachlorocyclopentadiene	250	U
88-06-2	2,4,6-Trichlorophenol	250	U
95-95-4	2,4,5-Trichlorophenol	250	U
92-52-4	1,1'-Biphenyl	250	U
91-58-7	2-Chloronaphthalene	250	U
88-74-4	2-Nitroaniline	500	U
131-11-3	Dimethylphthalate	250	U
606-20-2	2,6-Dinitrotoluene	250	U
208-96-8	Acenaphthylene	250	U
99-09-2	3-Nitroaniline	500	U
83-32-9	Acenaphthene	250	U
51-28-5	2,4-Dinitrophenol	1300	U
100-02-7	4-Nitrophenol	500	U
132-64-9	Dibenzofuran	250	U
121-14-2	2,4-Dinitrotoluene	250	U

SOM01.2 (6/2007)

R
8/12/08

BB360

IE - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67DL2

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL2

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0679

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 500.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84-66-2	Diethylphthalate	250	U
86-73-7	Fluorene	250	U
7005-72-3	4-Chlorophenyl-phenylether	250	U
100-01-6	4-Nitroaniline	500	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	N-Nitrosodiphenylamine 1	250	U
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U
101-55-3	4-Bromophenyl-phenylether	250	U
118-74-1	Hexachlorobenzene	250	U
1912-24-9	Atrazine	250	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	250	U
120-12-7	Anthracene	250	U
86-74-8	Carbazole	250	U
84-74-2	Di-n-butylphthalate	250	U
206-44-0	Fluoranthene	250	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	250	U
91-94-1	3,3'-Dichlorobenzidine	250	U
56-55-3	Benzo(a)anthracene	250	U
218-01-9	Chrysene	250	U
117-81-7	Bis(2-ethylhexyl)phthalate	250	U
117-84-0	Di-n-octylphthalate	250	U
205-99-2	Benzo(b)fluoranthene	250	U
207-08-9	Benzo(k)fluoranthene	250	U
50-32-8	Benzo(a)pyrene	250	U
193-39-5	Indeno(1,2,3-cd)pyrene	250	U
53-70-3	Dibenzo(a,h)anthracene	250	U
191-24-2	Benzo(g,h,i)perylene	250	U
58-90-2	2,3,4,6-Tetrachlorophenol	250	U
92-87-5	Benzidine	250	U
95-50-1	1,2-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
541-73-1	1,3-Dichlorobenzene	250	U
62-75-9	N-Nitrosodimethylamine	250	U
95-63-6	1,2,4-Trimethylbenzene	250	U
108-67-8	1,3,5-Trimethylbenzene	250	U

¹ Cannot be separated from Diphenylamine

R

8/13/08

SOM01.2 (6/2007)

009561

IK - FORM I SV-TIC
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J8K67DL2

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL2

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0679

Level: (LOW/MED) LOW

Extraction: (Type) CONT

% Moisture:) Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL)

Date Analyzed: 06/07/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 500.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	17.97	650	DJ
02	Unknown-02	19.05	730	DJ
03	Unknown-03	21.94	650	DJ
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
E966796 ²	Total Alkanes	N/A		

² EPA-designated Registry Number.

SOM01.2 (6/2007)

R

8/13/08

00962

Report All PATH's Except Naphthalene, 2-Methylnaphthalene
& Acenaphthene

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K21

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0791

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N Date Received: 05/21/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/25/2008

Injection Volume: 1.0 (uL) GPC Factor: Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	3.3	E → Report from J8K21D
91-57-6	2-Methylnaphthalene	0.91	E → CSIM
208-96-8	Acenaphthylene	0.36	J
83-32-9	Acenaphthene	0.61	E → "
86-73-7	Fluorene	0.20	J
87-86-5	Pentachlorophenol	0.10	UJ
85-01-8	Phenanthrene	0.33	J
120-12-7	Anthracene	0.053	J
206-44-0	Fluoranthene	0.068	J
129-00-0	Pyrene	0.14	J
56-55-3	Benzo(a)anthracene	0.031	J
218-01-9	Chrysene	0.040	J
205-99-2	Benzo(b)fluoranthene	0.050	UJ
207-08-9	Benzo(k)fluoranthene	0.050	UJ
50-32-8	Benzo(a)pyrene	0.050	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	UJ
53-70-3	Dibenzo(a,h)anthracene	0.050	UJ
191-24-2	Benzo(g,h,l)perylene	0.028	J

1 Cannot be separated from Diphenylamine

8/13/08

SOM01.2 (6/2007)

01231

Report Only Naphthalene, 2-Methylnaphthalene & Acenaphthene

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K21DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0920.01DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0807

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/21/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/25/2008

Injection Volume: 1.0 (uL) GPC Factor: _____ Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.4

Dilution Factor: 10.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	3.0	J P → Report
91-57-6	2-Methylnaphthalene	0.57	J P → "
208-96-8	Acenaphthylene	0.50	U
83-32-9	Acenaphthene	0.66	J P → "
86-73-7	Fluorene	0.50	U
87-86-5	Pentachlorophenol	1.0	U
85-01-8	Phenanthrene	0.40	DJ
120-12-7	Anthracene	0.50	U
206-44-0	Fluoranthene	0.50	U
129-00-0	Pyrene	0.50	DJ
56-55-3	Benzo(a)anthracene	0.50	U
218-01-9	Chrysene	0.50	U
205-99-2	Benzo(b)fluoranthene	0.50	U
207-08-9	Benzo(k)fluoranthene	0.50	U
50-32-8	Benzo(a)pyrene	0.50	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	U
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.50	U

Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

01245

Report All PAH's

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K22

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0767

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/10/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	0.45	
91-57-6	2-Methylnaphthalene	0.23	
208-96-8	Acenaphthylene	0.050	U
83-32-9	Acenaphthene	0.050	U
86-73-7	Fluorene	0.067	
87-86-5	Pentachlorophenol	0.10	U
85-01-8	Phenanthrene	0.16	
120-12-7	Anthracene	0.063	
206-44-0	Fluoranthene	0.12	
129-00-0	Pyrene	0.19	
56-55-3	Benzo(a)anthracene	0.050	U
218-01-9	Chrysene	0.068	
205-99-2	Benzo(b)fluoranthene	0.050	U
207-08-9	Benzo(k)fluoranthene	0.050	U
50-32-8	Benzo(a)pyrene	0.050	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U
53-70-3	Dibenzo(a,h)anthracene	0.050	U
191-24-2	Benzo(g,h,i)perylene	0.072	

1 Cannot be separated from Diphenylamine

Ron
8/13/08

SOM01.2 (6/2007)

01251

**Report All PAHs except Naphthalene, Acenaphthylene
& Acenaphthene**

IF - FORM I SV-SIM
SEMICVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0789

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____ Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.9

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	2.4	E → Report from J8K43 (full)
91-57-6	2-Methylnaphthalene	0.35	"
208-96-8	Acenaphthylene	15	E → "
83-32-9	Acenaphthene	11	E → "
86-73-7	Fluorene	0.25	"
87-86-5	Pentachlorophenol	0.10	U
85-01-8	Phenanthrene	0.050	U
120-12-7	Anthracene	0.40	
206-44-0	Fluoranthene	0.26	
129-00-0	Pyrene	0.36	
56-55-3	Benzo(a)anthracene	0.050	U
218-01-9	Chrysene	0.050	U
205-99-2	Benzo(b)fluoranthene	0.050	U
207-08-9	Benzo(k)fluoranthene	0.050	U
50-32-8	Benzo(a)pyrene	0.050	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U
53-70-3	Dibenzo(a,h)anthracene	0.050	U
191-24-2	Benzo(g,h,i)perylene	0.050	U

1 Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

91262

Do NOT REPORT

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K43DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.04DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0793

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____ Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.9

Dilution Factor: 5.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	3.6	DE
91-57-6	2-Methylnaphthalene	0.48	D
208-96-8	Acenaphthylene	16	DE
83-32-9	Acenaphthene	12	DE
86-73-7	Fluorene	0.33	D
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.25	U
120-12-7	Anthracene	0.25	U
206-44-0	Fluoranthene	0.34	D
129-00-0	Pyrene	0.41	D
56-55-3	Benzo(a)anthracene	0.25	U
218-01-9	Chrysene	0.25	U
205-99-2	Benzo(b)fluoranthene	0.25	U
207-08-9	Benzo(k)fluoranthene	0.25	U
50-32-8	Benzo(a)pyrene	0.25	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.25	U
53-70-3	Dibenzo(a,h)anthracene	0.25	U
191-24-2	Benzo(g,h,i)perylene	0.17	DJ

1 Cannot be separated from Diphenylamine

rs

8/13/08

Report All PATHS

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K50

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0903.04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0779

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____ Date Analyzed: 06/10/2008

GPC Cleanup: (Y/N) N pH: 6.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	0.30	
91-57-6	2-Methylnaphthalene	0.057	
208-96-8	Acenaphthylene	0.050	U
83-32-9	Acenaphthene	0.050	U
86-73-7	Fluorene	0.050	U
87-86-5	Pentachlorophenol	0.10	U
85-01-8	Phenanthrene	0.037	J
120-12-7	Anthracene	0.050	U
206-44-0	Fluoranthene	0.050	U
129-00-0	Pyrene	0.050	U
56-55-3	Benzo(a)anthracene	0.050	U
218-01-9	Chrysene	0.050	U
205-99-2	Benzo(b)fluoranthene	0.050	U
207-08-9	Benzo(k)fluoranthene	0.050	U
50-32-8	Benzo(a)pyrene	0.050	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.032	J
53-70-3	Dibenzo(a,h)anthracene	0.042	J
191-24-2	Benzo(g,h,i)perylene	0.062	

1 Cannot be separated from Diphenylamine

R
8/13/08

Report All PAHs Except Naphthalene & 2-Methylnaphthalene

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K51

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.09

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0768

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____ Date Analyzed: 06/10/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	2.4	E → Report from J8K51 full
91-57-6	2-Methylnaphthalene	0.70	E
208-96-8	Acenaphthylene	0.050	U
83-32-9	Acenaphthene	0.14	
86-73-7	Fluorene	0.084	
87-86-5	Pentachlorophenol	0.10	U
85-01-8	Phenanthrene	0.093	
120-12-7	Anthracene	0.050	U
206-44-0	Fluoranthene	0.050	U
129-00-0	Pyrene	0.050	U
56-55-3	Benzo(a)anthracene	0.050	U
218-01-9	Chrysene	0.050	U
205-99-2	Benzo(b)fluoranthene	0.050	U
207-08-9	Benzo(k)fluoranthene	0.050	U
50-32-8	Benzo(a)pyrene	0.050	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U
53-70-3	Dibenzo(a,h)anthracene	0.050	U
191-24-2	Benzo(g,h,i)perylene	0.059	

1 Cannot be separated from Diphenylamine

Ron
8/13/08

SOM01.2 (6/2007)

#1288

Report Only 2-Methylnaphthalene

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K51DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0908.09DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0799

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/16/2008

Injection Volume: 1.0 (uL) GPC Factor: _____ Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 5.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	4.6	DE
91-57-6	2-Methylnaphthalene	1.2	P → Report
208-96-8	Acenaphthylene	0.25	U
83-32-9	Acenaphthene	0.24	DJ
86-73-7	Fluorene	0.18	DJ
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.21	DJ
120-12-7	Anthracene	0.25	U
206-44-0	Fluoranthene	0.25	U
129-00-0	Pyrene	0.25	U
56-55-3	Benzo(a)anthracene	0.25	U
218-01-9	Chrysene	0.25	U
205-99-2	Benzo(b)fluoranthene	0.25	U
207-08-9	Benzo(k)fluoranthene	0.25	U
50-32-8	Benzo(a)pyrene	0.25	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.25	U
53-70-3	Dibenzo(a,h)anthracene	0.25	U
191-24-2	Benzo(g,h,i)perylene	0.25	U

1 Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

01296

Report All but Naphthalene

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K52

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.05

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0790

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 6.1

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	1.1	E → Report from J8K52PL (S!M)
91-57-6	2-Methylnaphthalene	0.18	
208-96-8	Acenaphthylene	0.035	J
83-32-9	Acenaphthene	0.050	U
86-73-7	Fluorene	0.050	U
87-86-5	Pentachlorophenol	0.10	U
85-01-8	Phenanthrene	0.044	J
120-12-7	Anthracene	0.050	U
206-44-0	Fluoranthene	0.10	
129-00-0	Pyrene	0.17	
56-55-3	Benzo(a)anthracene	0.048	J
218-01-9	Chrysene	0.085	
205-99-2	Benzo(b)fluoranthene	0.044	J
207-08-9	Benzo(k)fluoranthene	0.052	
50-32-8	Benzo(a)pyrene	0.077	
193-39-5	Indeno(1,2,3-cd)pyrene	0.045	J
53-70-3	Dibenzo(a,h)anthracene	0.050	U
191-24-2	Benzo(g,h,i)perylene	0.070	

Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

01303

Report Only Naphthalene

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K52DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0913.05DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0806

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 6.1

Dilution Factor: 5.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	1.9	D → Report
91-57-6	2-Methylnaphthalene	0.27	D
208-96-8	Acenaphthylene	0.25	U
83-32-9	Acenaphthene	0.25	U
86-73-7	Fluorene	0.25	U
87-86-5	Pentachlorophenol	0.50	U
85-01-8	Phenanthrene	0.14	DJ
120-12-7	Anthracene	0.25	U
206-44-0	Fluoranthene	0.16	DJ
129-00-0	Pyrene	0.38	D
56-55-3	Benzo(a)anthracene	0.25	U
218-01-9	Chrysene	0.25	U
205-99-2	Benzo(b)fluoranthene	0.25	U
207-08-9	Benzo(k)fluoranthene	0.25	U
50-32-8	Benzo(a)pyrene	0.25	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.25	U
53-70-3	Dibenzo(a,h)anthracene	0.25	U
191-24-2	Benzo(g,h,i)perylene	0.25	U

1 Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

01314

Report All PAHs except Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene
 Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene & Benzo(g,h,i)
 perylene

IF - FORM I SV-SIM
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
 J8K53

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0788

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____ Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.8 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	0.42	
91-57-6	2-Methylnaphthalene	0.11	
208-96-8	Acenaphthylene	0.089	
83-32-9	Acenaphthene	0.050	U
86-73-7	Fluorene	0.050	U
87-86-5	Pentachlorophenol	0.10	U
85-01-8	Phenanthrene	0.033	J
120-12-7	Anthracene	0.037	J
206-44-0	Fluoranthene	0.65	E
129-00-0	Pyrene	0.99	E
56-55-3	Benzo(a)anthracene	0.57	E
218-01-9	Chrysene	0.89	E
205-99-2	Benzo(b)fluoranthene	0.55	E
207-08-9	Benzo(k)fluoranthene	0.58	E
50-32-8	Benzo(a)pyrene	1.1	E
193-39-5	Indeno(1,2,3-cd)pyrene	0.40	
53-70-3	Dibenzo(a,h)anthracene	0.11	
191-24-2	Benzo(g,h,i)perylene	0.55	E

1 Cannot be separated from Diphenylamine

Report from
 J8K53DL
 (SIM)

8/13/08

SOM01.2 (6/2007)

01320

Report Only Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene
 Benzo(k)fluoranthene, Benzo(a)pyrene & Benzo(g,h,i)perylene

IF - FORM I SV-SIM
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K53DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.01DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0795

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500. (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 10.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	1.6	D
91-57-6	2-Methylnaphthalene	0.50	U
208-96-8	Acenaphthylene	0.50	U
83-32-9	Acenaphthene	0.50	U
86-73-7	Fluorene	0.50	U
87-86-5	Pentachlorophenol	1.0	U
85-01-8	Phenanthrene	0.50	U
120-12-7	Anthracene	0.50	U
206-44-0	Fluoranthene	0.81	D
129-00-0	Pyrene	1.1	D
56-55-3	Benzo(a)anthracene	0.66	D
218-01-9	Chrysene	1.1	D
205-99-2	Benzo(b)fluoranthene	0.59	D
207-08-9	Benzo(k)fluoranthene	0.70	D
50-32-8	Benzo(a)pyrene	1.1	D
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	D
53-70-3	Dibenz(a,h)anthracene	0.32	DJ
191-24-2	Benzo(g,h,i)perylene	0.82	D

1 Cannot be separated from Diphenylamine

Report

Report

R
 8/13/08

SOM01.2 (6/2007)

81334

Report All PAH's from this run

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K60

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0911.01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0787

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.4

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	0.47	
91-57-6	2-Methylnaphthalene	0.13	
208-96-8	Acenaphthylene	0.050	U
83-32-9	Acenaphthene	0.050	U
86-73-7	Fluorene	0.050	U
87-86-5	Pentachlorophenol	0.10	U
85-01-8	Phenanthrene	0.050	U
120-12-7	Anthracene	0.050	U
206-44-0	Fluoranthene	0.050	U
129-00-0	Pyrene	0.050	U
56-55-3	Benzo(a)anthracene	0.050	U
218-01-9	Chrysene	0.050	U
205-99-2	Benzo(b)fluoranthene	0.050	U
207-08-9	Benzo(k)fluoranthene	0.050	U
50-32-8	Benzo(a)pyrene	0.050	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U
53-70-3	Dibenzo(a,h)anthracene	0.050	U
191-24-2	Benzo(g,h,i)perylene	0.050	U

Cannot be separated from Diphenylamine

Ron
8/13/08

SOM01.2 (6/2007)

01343

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0792

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	580	E → Report from T8K67DL (Full)
91-57-6	2-Methylnaphthalene	130	E → Report from J8K67DL(G)
208-96-8	Acenaphthylene	3.0	E → " J8K67(G)
83-32-9	Acenaphthene	32	E → " J8K67DL(G)
86-73-7	Fluorene	7.8	E → " J8K67(G)
87-86-5	Pentachlorophenol	0.10	U → Report
85-01-8	Phenanthrene	15	E → Report from J8K67(G)
120-12-7	Anthracene	2.6	E → " J8K67DL(G)
206-44-0	Fluoranthene	3.5	E → "
129-00-0	Pyrene	4.4	E → Report from J8K67(G)
56-55-3	Benzo(a)anthracene	0.56	E → " J8K67DL(G)
218-01-9	Chrysene	0.79	E → "
205-99-2	Benzo(b)fluoranthene	0.15	J } Report
207-08-9	Benzo(k)fluoranthene	0.16	J }
50-32-8	Benzo(a)pyrene	0.25	J }
193-39-5	Indeno(1,2,3-cd)pyrene	0.086	J }
53-70-3	Dibenz(a,h)anthracene	0.031	J }
191-24-2	Benzo(g,h,i)perylene	0.12	J }

1 Cannot be separated from Diphenylamine

8/13/08

SOM01.2 (6/2007)

01349

IF - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K67DL

Lab Name: KAP TECHNOLOGIES, INC.

Contract: EPW05032

Lab Code: KAP Case No.: 37435

Mod. Ref No.: 1568.0 SDG No.: J8K50

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: S-0912.12DL

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0808

Extraction: (Type) CONT

% Moisture: _____ Decanted: (Y/N) N

Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL)

Date Extracted: 05/18/2008

Injection Volume: 1.0 (uL) GPC Factor: _____

Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 10.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	1500	DE
91-57-6	2-Methylnaphthalene	110	DE
208-96-8	Acenaphthylene	4.3	D → Report
83-32-9	Acenaphthene	43	DE
86-73-7	Fluorene	12	DE
87-86-5	Pentachlorophenol	1.0	U
85-01-8	Phenanthrene	15	DE
120-12-7	Anthracene	2.9	D → "
206-44-0	Fluoranthene	3.7	D → "
129-00-0	Pyrene	5.3	DE
56-55-3	Benzo(a)anthracene	0.56	D → "
218-01-9	Chrysene	0.92	D → "
205-99-2	Benzo(b)fluoranthene	0.30	DJ
207-08-9	Benzo(k)fluoranthene	0.37	DJ
50-32-8	Benzo(a)pyrene	0.51	D
193-39-5	Indeno(1,2,3-cd)pyrene	0.31	DJ
53-70-3	Dibenzo(a,h)anthracene	0.50	U
191-24-2	Benzo(g,h,i)perylene	0.53	D

Cannot be separated from Diphenylamine

R
8/13/08

SOM01.2 (6/2007)

01365